

Alabama AAPT Annual Meeting  
Faculty Club  
University of South Alabama  
Saturday, April 5, 2014

**Program**

8:30 – 8:55 am	Registration
8:55 – 9:00 am	Welcoming remarks, <b>S.L. Varghese</b> , Chair, Associate Dean of A&S, USA
9:00 – 9:20 am	Are they Learning What we Teach? Closing the Loop on Learning Outcomes, <b>Ali Yazdi</b> , JSCC
9:20 – 10:00 am	Energy Applications of Gas-Surface Interactions in Nanoporous Materials, <b>Jacob Burrell</b> , USA
10:00 – 10:20 am	Effectiveness of Inverting an Introductory College Physics Course Alternative Assessment Using TIPERS, <b>Erica LeBakken</b> , UAB
10:20 – 10:40 am	21st Century Teaching Methodologies to Enhance the Physics-I Course Effectiveness, Student's Learning Outcomes and Assessments, <b>Sesha Srinivasan</b> , Tuskegee
10:40– 10:50 am	Break
10:50-- 11:00am	APEX, <b>Barbara Cady &amp; Marius Schamschula</b> , AAMU
11:00 – 11:20 am	Ruben's Tube: A simple home-built demo for teaching sound with fire, <b>Allen Landers</b> , AU
11:20 – 12:00 am	How Scholarly teaching in the Physics Classroom establishes a Culture of Assessment in Physics Departments; Making the Assessment of Student Learning Outcomes meaningful in STEM, <b>Kimal Honour Djam</b> , ASFA
12:00-- 12:15 pm	Physics First Implementation Action Research-2014, <b>Timothy Burgess</b> , McGill-Toolen
12:15 – 1:10 pm	LUNCH
1:10 – 1:30 pm	Implementing active learning in the physical sciences classroom through the Alabama Math, Science and Technology Initiative, <b>Mary Lou Ewald &amp; Allen Landers</b> , AU
1:30 – 2:10 pm	Driver's Ed Physics, <b>Albert Gapud</b> , USA
2:10 – 2:40 pm	Make-and-Take: Renewable Energy Technologies - Intro Presentation & Demonstration of Energy Conversion Processes in Physics Classrooms, <b>Sesha Srinivasan</b> , Tuskegee
2:40-- 3:40 pm	Make-and-Take: <b>Tommi Holsenbeck</b> , ASU; <b>Chuck Hanke</b> , Montevallo
3:40 – 4:00 pm	Business Meeting